

## EQUIPMENT

### TRUCK EQUIPMENT:

- ✓ filtrating and ventilation device located in the cab (200 Pa overpressure at air flow rate of 100 m<sup>3</sup>/h),
- ✓ hook container loading system, type MK IV.

## TRUCK CHASSIS WITH SELF – UNLOADING SYSTEM AND CAB

JELCZ P882.53 truck chassis with 2-man armoured cab equipped with a hook container loading system.

### TECHNICAL DATA

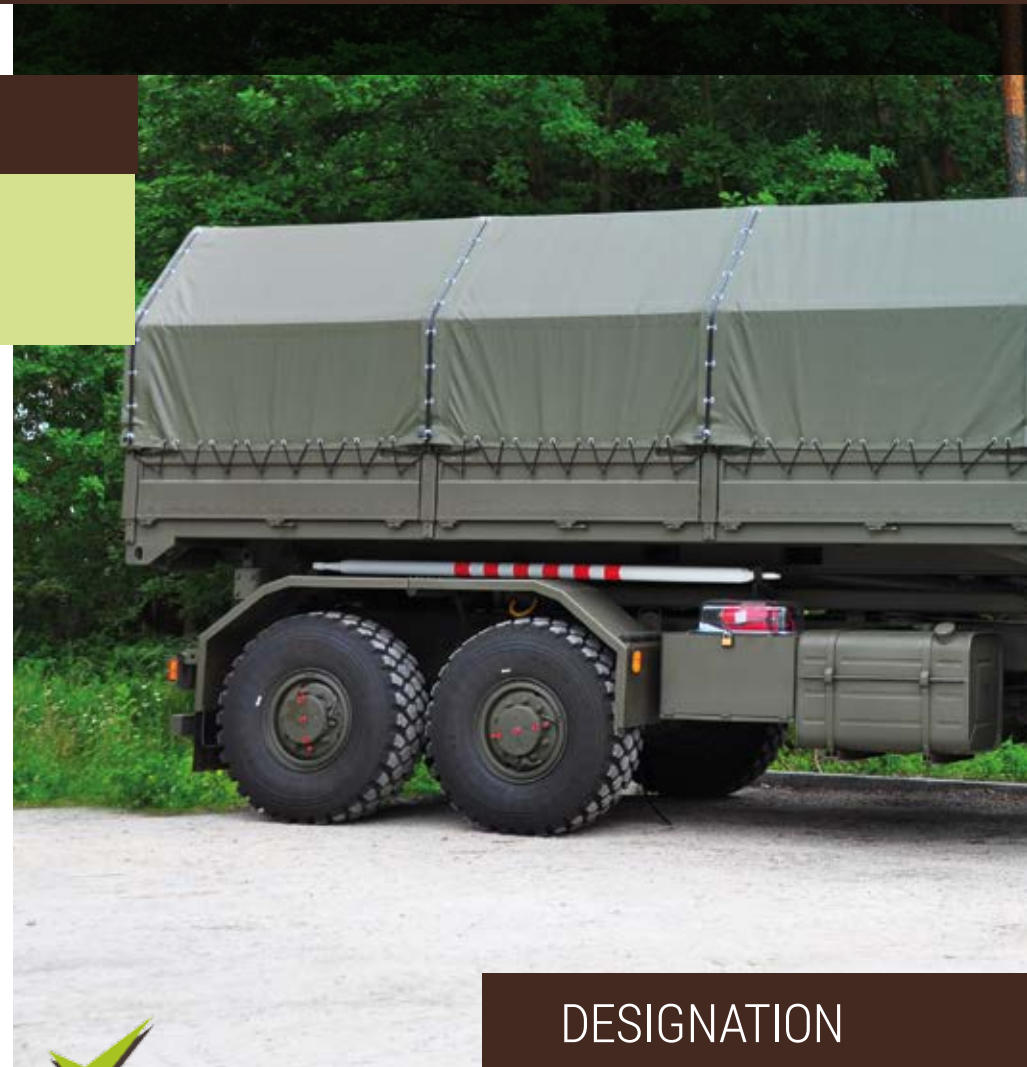
|  |           |                        |            |
|--|-----------|------------------------|------------|
| chassis weight:  | 18 500 kg | NEGOTIATING OBSTACLES: |            |
| payload  | 13 000 kg | ground clearance       | 389 mm     |
| permissible weight of towed trailer                    | 12 000 kg | breakover angle        | 25°        |
| DIMENSIONS:  |           | approach angle         | 35°        |
| length   | 10 450 mm | departure angle        | 35°        |
| width  | 2 550 mm  | gradeability           | 30°        |
| height:  | 3 590 mm  | side slope             | 20°        |
| SPEED:   |           | fords                  | max. 1,0 m |
| maximum permissible speed                              | 85 km/h   |                        |            |
| Travel distance on surfaced roads (without refuelling) | 650 km    |                        |            |

### BUILD STANDARD

Engine: Diesel, 6 cylinders, in line, vertical, with turbocharging, maximum power 392 kW

Gearbox: coupled with engine, synchronized, reverse gear non-synchronized, 16-gear, mechanically operated, transfer box with on-road/off-road selection.

Tyres – 14.00 R20 wide-profile with off-road (or universal) thread. Central Tyre Inflation System. Equipped with special Beadlock inserts for driving with air low pressure in tyres, enhancing the vehicle's mobility in difficult terrain.



## DESIGNATION

Used by Armed Forces



Vehicles are designed for supplying ammunition to a battalion unit of 155 mm howitzers REGINA. This encompasses transportation of ammunition as well as mechanized loading and unloading. Palletized ammunition transportation system allows for adaptation to different types of ammunition.

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### BODYWORK EQUIPMENT: SPECIAL PALLETS

ASV is equipped with 6 special pallets for transporting 155 mm artillery ammunition.

Each pallet can be used to transport the following amounts of ammunition and special equipment:

- ✓ 16 projectiles with transport fuses,
- ✓ 16 modular charges in transport tubes,
- ✓ necessary quantity of fuses and primers in manufacturer's packaging,
- ✓ necessary quantity of base bleed units in manufacturer's packaging,
- ✓ auxiliary equipment for setting depth of the missile container and for projectile arming.

Pallets have locking mechanisms for mounting them on container platform.

Construction of pallets allows for their loading and unloading by means of a forklift or crane and sling.

## BODYWORK

Bodywork of the Ammunition Resupply Vehicle includes:

- 20 ft "flat-rack" type container, adapted to a hook container loading system, floor equipped with slots for easy, quick and secure mounting of special pallets with 155 mm ammunition,
- sideboards: front rigid, sides split, back openable,
- demountable bars at container floor,
- tarpaulin, split by side boards.